



High-Pressure Seal Kit 10508 Installation Guide

1. Safety First

- Shut down the intensifier.
 - Lock out and tag out all energy sources.
 - Depressurize the hydraulic and water circuits completely.
 - Wear safety glasses and protective gloves.
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2. Inspect Components

Before installation, inspect:

- Plunger surface for scratches, scoring, or wear
- Cylinder bore for damage or corrosion
- Seal housing for burrs or contamination
- New seals for cuts, cracks, or deformation

Do not install seals if any component is damaged.

Typical signs of premature failure include:

- Torn seal lips
 - Extruded sealing material
 - Broken or distorted backup rings
 - Installation damage
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3. Clean All Parts

- Remove old seals completely.
 - Clean all components with lint-free cloths.
 - Ensure no debris remains inside the seal cavity.
 - Lightly lubricate parts using the manufacturer-approved lubricant.
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Important:

- Verify seal orientation before installation.
- Never force a seal into the housing.



- Use non-metallic installation tools whenever possible.
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4. Final Assembly

- Carefully insert the plunger through the seals.
 - Avoid sharp edges contacting the seal lips.
 - Tighten all fasteners according to equipment specifications.
 - Confirm all components move freely.
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6. Startup Procedure

Recommended

1. Start the machine at low pressure.
2. Check for leaks.
3. Increase pressure gradually.
4. Monitor the first 15-30 minutes of operation.

Avoid

Instant full-pressure startup

Dry running

Operating with damaged plungers

Running with contaminated water

7. Inspection After Startup

After the first operating cycle:

- Verify there are no leaks.
- Check intensifier temperatures.
- Listen for abnormal noises.
- Verify pressure stability.